List of Claims

1-19. (cancelled)

- 20. (currently amended) A spring biased mechanism comprising:
 - a moveable element:
- a biasing spring operably coupled to bias said element toward a predetermined position with a spring preload force;
- a spring preload force adjuster including a piezoelectric device operably coupled to said spring; and said spring preload force being at least partially a function of a voltage applied to said piezoelectric device.

 but said piezoelectric device being inoperable to move said moveable element.
- 21. (original) The mechanism of claim 20 including an electrical actuator operably coupled to said moveable element in opposition to said biasing spring.

22. (currently amended) The mechanism of claim 21
wherein A spring biased mechanism comprising:
a moveable element;
a biasing spring operably coupled to bias said
element toward a predetermined position with a spring preload
force;
a spring preload force adjuster including a
piezoelectric device operably coupled to said spring;

said spring preload force being at least partially a function of a voltage applied to said piezoelectric device;

an electrical actuator operably coupled to said moveable element in opposition to said biasing spring; and said electrical actuator includes a solenoid with an armature coupled to move with said moveable element.

- 23. (original) The mechanism of claim 22 wherein said moveable element includes a valve member in contact with a valve seat at said predetermined position.
- 24. (original) A method of adjusting a spring biased mechanism, comprising the steps of:

biasing a moveable element toward a predetermined position at least in part with a spring having a spring preload force; and

adjusting the spring preload force at least in part by adjusting a voltage applied to a piezoelectric device operably coupled to the spring.

- 25. (original) The method of claim 24 wherein said moveable element includes a valve member in contact with a valve seat at said predetermined position.
- 26. (original) The method of claim 24 including a step of moving said moveable element away from said predetermined position at least in part by energizing an electrical actuator operably coupled to said moveable element.
 - 27. (currently amended) A system comprising:

a plurality of spring biased mechanisms, each having a biasing spring operably coupled to bias a moveable element toward a predetermined position with a spring preload force:

each of said mechanisms including a spring preload force adjuster that includes a piezoelectric device operably coupled to said spring; and

said spring preload force being at least partially a function of a voltage applied to said piezoelectric device, but said piezoelectric device being inoperable to move said moveable element.

- 28. (original) The system of claim 27 including a common electrical circuit electrically connected to each said piezoelectric device.
- 29. (original) The system of claim 28 wherein each of said spring biased mechanisms includes an electrical actuator operably coupled to said moveable element in opposition to said biasing spring.
- 30. (currently amended) The system of claim 29

 wherein A system comprising:

 a plurality of spring biased mechanisms, each

 having a biasing spring operably coupled to bias a moveable
 element toward a predetermined position with a spring preload

 force;

 each of said mechanisms including a spring preload
 force adjuster that includes a piezoelectric device operably
 coupled to said spring;

	<u>said spring</u>	preload	force	<u>being</u> a	<u>at least</u>	<u>parti</u>	<u>ally</u>
<u>a function</u>	of a voltag	e applie	ed to s	aid pie	zoelecti	cic dev	/ice;
	a common ele	ectrical	circui	t elect	rically	conne	<u>cted</u>
to each sai	id piezoelec	tric dev	<u>ice;</u>				
	each of said	d spring	biasec	l mechar	nisms in	cludes	<u>an</u>
<u>electrical</u>	actuator op	erably c	oupled	to sai	<u>d moveal</u>	ole ele	ement
in oppositi	on to said	biasing	spring	; and			

each said electrical actuator includes a solenoid with an armature coupled to move with said moveable element.

- 31. (original) The system of claim 30 wherein each said moveable element includes a valve member in contact with a valve seat at said predetermined position.
- 32. (new) The mechanism of claim 21 wherein said piezoelectric device, said spring and said electrical actuator are arranged in series.
- 33. (new) The mechanism of claim 32 wherein said piezoelectric device, said spring and said electrical actuator are aligned.